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Arsanilic acid in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
		2. Chickens; as an aid in the prevention of infectious coryza; growth promotion and feed efficiency; improving pigmentation.	As erythromycin thiocyanate; feed for 7 to 14 days; withdraw 5 days before slaughter; as sole source of organic arsenic.	015565
(vii)	Erythromycin 185	Chickens; as an aid in the prevention and reduction of lesions and in lowering severity of chronic respiratory disease; growth promotion and feed efficiency; improving pigmentation.	As erythromycin thiocyanate; feed for 5 to 8 days; do not use in birds producing eggs for food purposes; withdraw 5 days before slaughter; as sole source of organic arsenic.	15565

(2) Arsanilic acid may be used in accordance with the provisions of this section in the combinations provided as follows:

- (i) Amprolium in accordance with § 558.55.
- (ii) Amprolium and ethopabate in accordance with § 558.58.
- (iii) Bacitracin zinc in accordance with § 558.78.
- (iv) Bacitracin and zoalene in accordance with § 558.680.
- (v) Zualene in accordance with § 558.680.

[41 FR 10992, Mar. 15, 1976, as amended at 42 FR 18617, Apr. 8, 1977; 51 FR 7395, Mar. 3, 1986; 51 FR 33897, Sept. 24, 1986; 54 FR 18281, Apr. 28, 1989; 56 FR 19268, Apr. 26, 1991; 60 FR 39847, Aug. 4, 1995; 66 FR 14074, Mar. 9, 2001; 66 FR 57873, Nov. 19, 2001]

§ 558.76 Bacitracin methylene disalicylate.

- (a) *Approvals.* Type A medicated articles: 10, 25, 30, 40, 50, 60, or 75 grams per pound to 046573 in § 510.600(c) of this chapter.
- (b) *Special considerations.* The quantities of antibiotics are expressed in terms of the equivalent amount of antibiotic standard.
- (c) *Related tolerances.* See § 556.70 of this chapter.
- (d) *Conditions of use.* (1) It is used as follows:

Bacitracin methylene disalicylate in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
(i) 4 to 50 .....	.....	Chickens, turkeys, and pheasants; increased rate of weight gain and improved feed efficiency ¹.	.....	046573
(ii) 5 to 20 .....	.....	Quail not over 5 weeks of age; increased rate of weight gain and improved feed efficiency ¹.	.....	046573
(iii) 10 to 25 .....	.....	Chickens; for increased egg production and improved feed efficiency for egg production.	For first 7 months of production	046573
(iv) 10 to 30 .....	.....	Swine: for increased rate of weight gain and improved feed efficiency.	For growing and finishing swine	046573
	Chlortetracycline approximately 400, varying with body weight and food consumption to provide 10 milligrams per pound of body weight per day.	Swine; for increased rate of weight gain and improved feed efficiency; for treatment of bacterial enteritis caused by <i>Escherichia coli</i> and <i>Salmonella choleraesuis</i> and bacterial pneumonia caused by <i>Pasteurella multocida</i> susceptible to chlortetracycline.	Feed for not more than 14 days; bacitracin methylene disalicylate provided by No. 046573; chlortetracycline provided by Nos. 046573 and 048164 in § 510.600(c) of this chapter.	046573 048164
		Swine; for control of porcine proliferative enteropathies (ileitis) caused by <i>Lawsonia intracellularis</i> susceptible to chlortetracycline.	Feed for not more than 14 days; chlortetracycline and BMD as provided by 046573 in § 510.600(c) of this chapter.	046573

Bacitracin methylene disalicylate in grams per ton	Combination in grams per ton	Indications for use	Limitations	Sponsor
(v) [Reserved] (vi) 50	Broiler chickens; as an aid in the prevention of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin. Replacement chickens; as an aid in the prevention of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin.	..... Feed continuously as sole ration	046573 046573
(vii)–(viii) [Reserved] (ix) 100 to 200	Broiler chickens; as an aid in the control of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin. Replacement chickens; as an aid in the control of necrotic enteritis caused or complicated by <i>Clostridium</i> spp. or other organisms susceptible to bacitracin.	..... Feed continuously as sole ration. Start at first clinical signs of disease, vary dosage based on severity of infection, administer continuously for 5 to 7 days or as long as clinical signs persist, then reduce medication to prevention level (50 g/t).	046573 046573
(x) 200	Turkeys; as an aid in the control of transmissible enteritis in growing turkeys complicated by organisms susceptible to bacitracin methylene disalicylate. Quail; for the prevention of ulcerative enteritis in growing quail due to <i>Clostridium colinum</i> susceptible to bacitracin methylene disalicylate.	..... From Type A medicated articles containing 25, 40, or 50 grams of bacitracin methylene disalicylate. Feed continuously as the sole ration.	046573 046573
(xi) 250	1. Growing/Finishing Swine: For control of swine dysentery associated with <i>Treponema hyodysenteriae</i> on premises with a history of swine dysentery but where signs of the disease have not yet occurred; or following an approved treatment of the disease condition. 2. Pregnant sows: For control of clostridial enteritis caused by <i>C. perfringens</i> in suckling piglets.	As the sole ration. Not for use in swine weighing more than 250 pounds. Diagnosis should be confirmed by a veterinarian when results are not satisfactory. As the sole ration. Feed to sows from 14 days before through 21 days after farrowing on premises with a history of clostridial scours. Diagnosis should be confirmed by a veterinarian when results are not satisfactory.	046573

¹ These conditions are NAS/NRC reviewed and found effective. Applications for these uses may not require effectiveness data as specified by § 514.111 of this chapter, but may require bioequivalency and safety information.

(2) It is used as bacitracin methylene disalicylate in feed for animals as follows:

(i) *Amount.* 70 milligrams per head per day.

(a) *Indications for use.* Feedlot beef cattle; reduction in the number of liver condemnations due to abscesses.

(b) *Limitations.* Administer continuously throughout the feeding period.

(ii) *Amount.* 250 milligrams per head per day.

(a) *Indications for use.* Feedlot beef cattle; reduction in the number of liver condemnations due to abscesses.

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(b) *Limitations.* Administer continuously for 5 days then discontinue for subsequent 25 days, repeat the pattern during the feeding period.

(3) Bacitracin methylene disalicylate may also be used with:

- (i) Amprolium as in § 558.55.
- (ii) Amprolium and ethopabate as in § 558.58.
- (iii) Carbarstone (not USP) as in § 558.120.
- (iv) Decoquinatone alone and with roxarsone as in § 558.195.
- (v) Diclazuril alone and with roxarsone as in § 558.198.
- (vi) Fenbendazole as in § 558.258.
- (vii) Halofuginone hydrobromide alone and with roxarsone as in § 558.265.
- (viii) Hygromycin B as in § 588.274.
- (ix) Ivermectin as in § 558.300.
- (x) Lasalocid sodium alone and with roxarsone as in § 558.311.
- (xi) Monensin alone and with roxarsone as in § 588.355.
- (xii) Narasin alone and with roxarsone as in § 558.363.
- (xiii) Nicarbazine alone or with narasin or roxarsone or with narasin and roxarsone as in § 558.366.

- (xiv) Nitarsone as in § 558.369.
- (xv) Robenidine alone and with roxarsone as in § 558.515.
- (xvi) Salinomycin alone and with roxarsone as in § 558.550.
- (xvii) Semduramicin alone and with roxarsone as in § 558.555.
- (xviii) Zoalene alone and with arsanilic acid or roxarsone as in § 558.680.

[41 FR 10993, Mar. 15, 1976]

EDITORIAL NOTE: For FEDERAL REGISTER citations affecting § 558.76, see the List of CFR Sections Affected, which appears in the Finding Aids section of the printed volume and at www.fdsys.gov.

§ 558.78 Bacitracin zinc.

(a) *Specifications.* Type A medicated articles containing bacitracin zinc equivalent to 10, 25, 40, or 50 grams per pound bacitracin.

(b) *Approvals.* See No. 046573 in § 510.600(c) of this chapter.

(c) *Related tolerances.* See § 556.70 of this chapter.

(d) *Conditions of use.* (1) It is used as follows:

Bacitracin zinc in grams per ton	Combinations in grams per ton	Indications for use	Limitations	Sponsor
(i) 4 to 50		Chickens: for increased rate of weight gain and improved feed efficiency.	Growing chickens	046573
(ii) 4 to 50		Turkeys and pheasants: for increased rate of weight gain and improved feed efficiency.	Growing turkeys and pheasants	046573
(iii) 5 to 20		Quail; for increased rate of weight gain and improved feed efficiency.	Growing quail; feed as the Type C feed to starting quail through 5 weeks of age.	046573
(iv) 10 to 25		Laying chickens; improved feed efficiency and increased egg production.		046573
(v) 10 to 50		Swine; increased rate of weight gain and improved feed efficiency.	Growing and finishing swine	046573
(vi) 20		Growing-finishing swine; increased rate of weight gain.	In Type C feed	046573
(vii) 20 to 40		Growing-finishing swine; improved feed efficiency.	.....do	046573

(2) It is used in feed for growing cattle at 35 to 70 milligrams per head per day as follows:

- (i) To aid in stimulating growth and improving feed efficiency.
- (ii) For increased rate of weight gain and improved feed efficiency; see sponsor 046573.
- (3) It may be used as approved in combination with:

- (i) Amprolium alone and with roxarsone as in § 558.55.
- (ii) Amprolium and ethopabate alone and with roxarsone as in § 558.58.
- (iii) Carbarstone as in § 558.120.
- (iv) Clomidol alone and with roxarsone as in § 558.175.
- (v) Decoquinatone alone and with roxarsone as in § 558.195.